

IN THE CLAIMS:

Please add claims 2-18 as follows:

*530* 2. (Added) The method of claim 1 wherein the shape index comprises a code point.

*3* 3. (Added) The method of claim 1 wherein at least one of the secondary recognizers comprises a CART tree.

*3* 4. (Added) The method of claim 1 further comprising training the secondary recognizers by providing a first training set comprising a plurality of chirographs and actual code points for each chirograph.

*102* 5. (Added) The method of claim 4 wherein training the secondary recognizers further comprises applying a plurality of questions to the chirographs.

6. (Added) The method of claim 5 wherein training the secondary recognizers further comprises determining a question ordering by measuring the quality of each question.

*SAC 27* 7. (Added) A method of recognizing a chirograph input into a computer system, comprising:  
receiving a chirograph;  
providing the chirograph to a primary recognizer to make a first decision as to a shape index that corresponds to the chirograph;  
selecting a secondary recognizer based on the shape index;  
providing the chirograph to the secondary recognizer, the secondary recognizer determining a recognition result independent of the shape index provided by the primary recognizer; and  
returning the recognition result from the secondary recognizer.

*SAC 1* 8. (Added) The method of claim 7 wherein the shape index comprises a code point.

9. (Added) The method of claim 7 wherein the secondary recognizer comprises a CART tree.

10. (Added) The method of claim 7 further comprising training the secondary recognizer by providing a first training set comprising a plurality of chirographs and actual code points for each chirograph.

11. (Added) The method of claim 10 wherein training the secondary recognizer further comprises applying one of a plurality of questions to the chirographs.

12. (Added) The method of claim 7 wherein the recognition result comprises a code point.

13. (Added) A system for recognizing chirographs input into a computing device, comprising:  
a primary recognizer configured to determine a shape index from a chirograph;  
a plurality of secondary recognizers, each secondary recognizer corresponding to a shape index;  
an interface configured to receive a chirograph and provide it to the primary recognizer, the primary recognizer causing selection of a selected secondary recognizer based on a determined shape index corresponding to the chirograph, and  
the selected secondary recognizer determining a recognition result from the chirograph and returning the recognition result, wherein the returned recognition result need not correspond to a value of the shape index determined by the primary recognizer.

14. (Added) The system of claim 13 wherein the shape index comprises a single code point.

15. (Added) The system of claim 13 wherein the shape index comprises a single code point that differs from the returned code point.

16. (Added) The system of claim 13 wherein the secondary recognizer comprises a CART tree.

17. (Added) The system of claim 13 wherein the recognition result comprises a single code point.

18. (Added) A computer-readable medium having computer-executable instructions, comprising:

receiving a chirograph;

providing the chirograph to a primary recognizer and receiving recognition information therefrom;

determining whether the recognition information corresponds to a recognized result or has a value indicative of a CART tree being associated therewith; and

if the recognition information corresponds to a recognized result, returning the recognized result, and if the recognition information has the value indicative of the CART tree being associated therewith, providing chirograph information to the CART tree and returning a recognition result therefrom, the recognition result being independent of the value indicative of the CART tree